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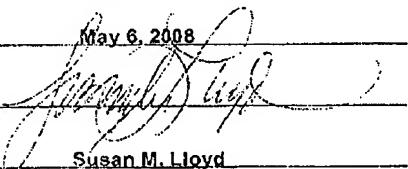
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PTO/SB/33 (07/05)

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PRE-APPEAL BRIEF REQUEST FOR REVIEW		Docket Number (Optional) CV/04-001	
<p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.11, 1.14 and 41.6].</p> <p>on <u>May 6, 2008</u></p> <p>Signature </p> <p>Typed or printed name <u>Susan M. Lloyd</u></p>		Application Number 10/825,866	Filed April 16, 12004
First Named Inventor SPOHN et al.			
Art Unit 3767	Examiner MACNEILL Elizabeth		

Applicant requests review of the final rejection in the above-identified application. No amendments are being filed with this request.

This request is being filed with a notice of appeal.

The review is requested for the reason(s) stated on the attached sheet(s).

Note: No more than five (5) pages may be provided.



I am the

<input type="checkbox"/> applicant/inventor.	<hr/>	Signature
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)	<hr/>	Gregory L. Bradley
<input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>34,299</u>	<hr/>	Typed or printed name
	<hr/>	412-767-2400
	<hr/>	Telephone number
<input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34	<hr/>	May 6, 2008
	<hr/>	Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.

<input type="checkbox"/>	*Total of <u>1</u> forms are submitted.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
 SPOHN et al.) Confirmation No. 8191
)
 Serial No.: 10/825,866)
) Art Unit: 3767
)
 Filed: April 16, 2004)
)
 Title: FLUID DELIVERY SYSTEM HAVING A) Examiner: Elizabeth MacNeill
 FLUID LEVEL SENSOR AND A FLUID)
 CONTROL DEVICE FOR ISOLATING)
 A PATIENT FROM A PUMP DEVICE)

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PRE-APPEAL BRIEF REQUEST FOR REVIEW

Mail Stop AF
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

For the reasons set forth below, Applicants submit that the Final Action (1) contains improper rejections because of factual errors and (2) does not provide a *prima facie* case of obviousness based on the cited references.

I. Rejection Of Pending Claims 1, 3-5, 7-9, 11-17, 21, 23, 25, 116 and 117 Under 35 USC 103(a) As Being Obvious Over U.S. Patent No. 6,099,502 to Duchon In View Of U.S. Patent No. 5,057,081 to Sunderland

In the Final Action, Claims 6, 10, 17-20, 30-35, 40, 88 and 92 were rejected as being obvious over Duchon in view of Sunderland. In the Amendment After Final Action filed on 10 March 2008, Applicants extensively amended the claims such that claims 1 and 17 are the sole pending independent claims. In particular, claim 1 was amended to include the subject matter of (now canceled) dependent claims 6, 10 and 31-34 and claim 17 was amended to include the subject matter of (now canceled) dependent claim 19. Given the entry of the after-final claim amendments (as noted in the Advisory Action mailed on 26 March 2008), the obviousness

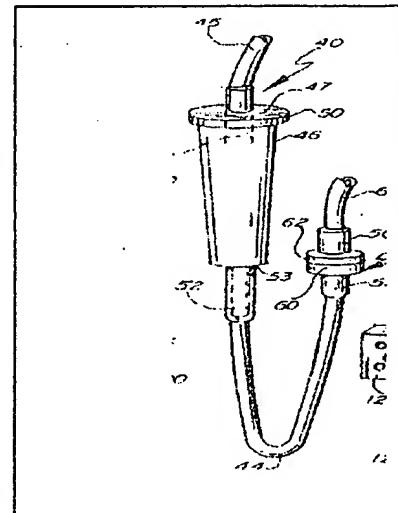
APPELLANT'S PRE-APPEAL BRIEF REQUEST FOR REVIEW

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Attorney Docket No. CV/04-001

rejected based on the Duchon and Sunderland patents is the sole remaining rejection in this application.

Independent claims 1 and 17 specify, *inter alia*, a drip chamber comprising a body having a projection that extends longitudinally along the drip chamber body . . . and a drip chamber support . . . adapted to support the drip chamber body such that the projection is in operational contact with the fluid level sensor for sensing the injection fluid level in the drip chamber.

Contrary to the Response to Arguments set forth on page 4 of the Final Action, the Sunderland patent does not disclose a projection 50 that extends longitudinally along the drip chamber body, as specified in claims 1 and 17. Rather, as admitted in the same sentence on page 4 of the Final Action, the "projection 50" is an "annular rim 50" of the drip chamber in the Sunderland patent. While it is true, as explained in the Continuation Sheet of the Advisory Action, that "[t]he annular rim 50 has a longitudinal height", that rim 50 does not extend "along the drip chamber body" as claimed in claims 1 and 17. Instead, as specifically disclosed in the Sunderland patent the "annular rim 50 is formed as part of the cap member 47 and is located along the top surface of the tapered member 46 [of the drip chamber assembly 42]." (See Fig. 1 and col. 6, lines 6-11, of the Sunderland patent.) In the Sunderland patent (as shown directly to the right), the rim 50 clearly does not extend along the tapered member 46 (which corresponds to the claimed 'drip chamber body') but rather is located on the top surface of the drip chamber body or tapered member 46.



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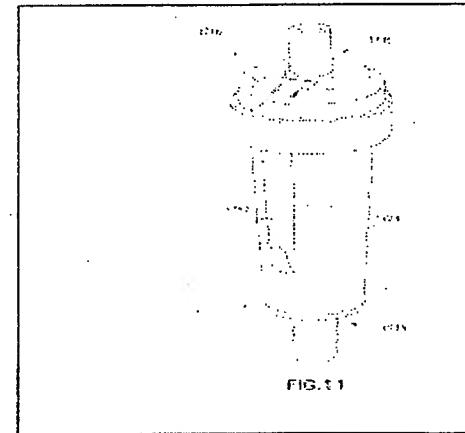
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As disclosed and claimed in this application (shown below and to the right), the drip chamber (1716) comprises a body (1734) having a projection (1740) that extends longitudinally along the body (1734). (See Fig. 11 and page 15, paragraph 0174 of the published application.)

Further, the Final Action stated (in the Response to Arguments on page 4 thereof) that "Applicant does not claim the projection is adjacent to sensors or that the sensor acts on the projection." In addition, the Advisory Action (on the Continuation Sheet) stated that "[t]he rim is used to place the drip chamber in the holder to place the sensors in "operational contact" with the rim . . ."

Applicants submit that these statements are inaccurate because the prior (and current) version of claim 17 and (now canceled) dependent claim 34 (now included in claim 1) specify that the projection is in "operational contact" with the fluid level sensor. As tacitly acknowledged by the Final Action, this claim language is significant because the Sunderland patent does not disclose that the annular rim 50 contacts the sensors 43. Rather, as disclosed in the Sunderland patent, the annular rim 50 rests above the sensors 43: "The drop sensing emitters and detectors are aligned to form an optical path which detects drops of fluid immediately after they fall from the bottom end of the top tubular member 48 in the drip chamber assembly 42." (See col. 7, lines 39-43, of the Sunderland patent.) As shown in Fig. 1 of the Sunderland patent, the bottom end of the tubular member 48 is clearly positioned downward from -- and thereby not in contact with -- the annular rim 50.

In view of the foregoing, Applicants submit that pending independent claims 1 and 17, and the claims dependent thereon, are not obvious in view of a combination of the Duchon and Sunderland patents, and that the rejection based thereon should be withdrawn and the pending claims indicated as being allowable.



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II. Conclusion

Based on the foregoing specified errors and deficiencies, Applicants assert that a *prima facie* rejection based on obviousness was not established in the Final Action. It is respectfully requested that the final rejections of pending and examined claims 1, 3-5, 7-9, 11-17, 21, 23, 25, 116 and 117 be withdrawn and reversed and the claims allowed.

Respectfully submitted,

Gregory L. Bradley
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Dated: May 6, 2008

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